## Index of Claims

| Application/Control No. | Applicant(s)/Patent Under Reexamination |
|-------------------------|---|
| 10578739                | TIERNAN ET AL.                          |
| Examiner                | Art Unit                                |
| Brandon Renner          | 2461                                    |

| ✓ | Rejected | ı |
|---|----------|---|
| = | Allowed  | ÷ |

| - | Cancelled  |
|---|------------|
| ÷ | Restricted |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| CL    | ΔIM      |            |            |            |            | DATE       |            |  |  |
|-------|----------|------------|------------|------------|------------|------------|------------|--|--|
| -inal | Original | 01/15/2009 | 08/17/2009 | 05/19/2010 | 01/14/2011 | 09/28/2011 | 11/28/2011 |  |  |
|       | 1        | ✓          | <b>√</b>   | -          | -          | -          | -          |  |  |
|       | 2        | <b>√</b>   | <b>√</b>   | -          | -          | -          | -          |  |  |
|       | 3        | <b>√</b>   | <b>√</b>   | -          | -          | -          | -          |  |  |
|       | 4        | <b>√</b>   | <b>√</b>   | -          | -          | -          | -          |  |  |
|       | 5        | <b>√</b>   | -          | -          | -          | -          | -          |  |  |
|       | 6        | <b>√</b>   | ✓          | -          | -          | -          | -          |  |  |
|       | 7        | <b>√</b>   | ✓          | -          | -          | -          | -          |  |  |
|       | 8        | <b>√</b>   | ✓          | -          | -          | -          | -          |  |  |
|       | 9        | <b>√</b>   | ✓          | -          | -          | -          | -          |  |  |
|       | 10       | <b>√</b>   | <b>√</b>   | -          | -          | -          | -          |  |  |
|       | 11       | ✓          | ✓          | -          | -          | -          | -          |  |  |
|       | 12       | ✓          | ✓          | -          | -          | -          | -          |  |  |
|       | 13       | ✓          | ✓          | -          | -          | -          | -          |  |  |
|       | 14       | ✓          | ✓          | -          | -          | -          | -          |  |  |
|       | 15       | ✓          | ✓          | -          | -          | -          | -          |  |  |
|       | 16       | ✓          | ✓          | -          | -          | -          | -          |  |  |
|       | 17       | <b>√</b>   | ✓          | -          | -          | -          | -          |  |  |
|       | 18       | ✓          | ✓          | -          | -          | -          | -          |  |  |
|       | 19       | ✓          | <b>√</b>   | -          | -          | -          | -          |  |  |
|       | 20       | ✓          | ✓          | -          | -          | -          | -          |  |  |
|       | 21       | ✓          | ✓          | -          | -          | -          | -          |  |  |
|       | 22       | ✓          | ✓          | -          | -          | -          | -          |  |  |
|       | 23       | ✓          | <b>√</b>   | -          | -          | -          | -          |  |  |
|       | 24       | ✓          | <b>√</b>   | -          | -          | -          | -          |  |  |
|       | 25       | ✓          | ✓          | -          | -          | -          | -          |  |  |
|       | 26       | ✓          | ✓          | -          | -          | -          | -          |  |  |
|       | 27       | ✓          | ✓          | -          | -          | -          | -          |  |  |
|       | 28       | ✓          | ✓          | -          | -          | -          | -          |  |  |
|       | 29       | ✓          | ✓          | -          | -          | -          | -          |  |  |
|       | 30       | ✓          | ✓          | -          | -          | -          | -          |  |  |
|       | 31       | <b>√</b>   | ✓          | -          | -          | -          | -          |  |  |
|       | 32       | ✓          | ✓          | -          | -          | -          | -          |  |  |
|       | 33       | ✓          | ✓          | -          | -          | -          | -          |  |  |
|       | 34       | ✓          | ✓          | -          | -          | -          | -          |  |  |
|       | 35       | ✓          | ✓          | -          | -          | -          | -          |  |  |

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|-------------------------|---|
| 10578739                | TIERNAN ET AL.                          |
| Examiner                | Art Unit                                |
| Brandon Renner          | 2461                                    |

| ✓ | Rejected | - | Cancelled  |
|---|----------|---|------------|
| = | Allowed  | ÷ | Restricted |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| CL    | AIM      |            |            |            |            | DATE       |            |   |   |
|-------|----------|------------|------------|------------|------------|------------|------------|---|---|
| Final | Original | 01/15/2009 | 08/17/2009 | 05/19/2010 | 01/14/2011 | 09/28/2011 | 11/28/2011 |   |   |
|       | 37       | <b>√</b>   | ✓          | -          | -          | -          | -          |   |   |
|       | 38       | <b>√</b>   | ✓          | -          | -          | -          | -          |   |   |
|       | 39       | <b>√</b>   | -          | -          | -          | -          | -          |   |   |
|       | 40       | ✓          | <b>√</b>   | -          | -          | -          | -          |   |   |
|       | 41       | <b>√</b>   | ✓          | -          | -          | -          | -          |   |   |
|       | 42       | <b>√</b>   | ✓          | -          | -          | -          | -          |   |   |
|       | 43       | <b>√</b>   | ✓          | -          | -          | -          | -          |   |   |
|       | 44       | <b>√</b>   | ✓          | -          | -          | -          | -          |   |   |
|       | 45       | <b>√</b>   | ✓          | -          | -          | -          | -          |   |   |
|       | 46       | <b>√</b>   | ✓          | -          | -          | -          | -          |   |   |
|       | 47       | <b>√</b>   | ✓          | -          | -          | -          | -          |   |   |
|       | 48       | ✓          | <b>√</b>   | -          | -          | -          | -          |   |   |
|       | 49       | ✓          | ✓          | -          | -          | -          | -          |   |   |
|       | 50       | <b>√</b>   | ✓          | -          | -          | -          | -          |   |   |
|       | 51       | <b>√</b>   | <b>√</b>   | -          | -          | -          | -          |   |   |
|       | 52       | <b>√</b>   | <b>√</b>   | -          | -          | -          | -          |   |   |
|       | 53       | <b>√</b>   | <b>√</b>   | -          | -          | -          | -          |   |   |
|       | 54       | <b>√</b>   | <b>√</b>   | -          | -          | -          | -          |   |   |
|       | 55       | <b>√</b>   | <b>√</b>   | -          | -          | -          | -          |   |   |
|       | 56       | <b>√</b>   | <b>√</b>   | -          | -          | -          | -          |   |   |
|       | 57       | <b>√</b>   | <b>√</b>   | -          | -          | -          | -          |   |   |
|       | 58       | <b>√</b>   | <b>√</b>   | -          | -          | -          | -          |   |   |
|       | 59       | <b>√</b>   | <b>√</b>   | -          | -          | -          | -          |   |   |
|       | 60       | <b>√</b>   | <b>√</b>   | -          | _          | _          | _          |   |   |
|       | 61       | <b>√</b>   | <b>√</b>   | -          | =          | -          | -          |   | + |
|       | 62       | <b>√</b>   | <b>√</b>   |            | -          | -          | -          |   |   |
|       | 63       | <b>√</b>   | <b>√</b>   | -          | -          | -          | -          |   |   |
|       | 64       | <b>√</b>   | <b>√</b>   | -          | -          | -          | -          |   |   |
|       | 65       | <b> </b>   | <b>√</b>   | -          | _          | _          | -          |   |   |
|       | 66       | · ·        | <b>√</b>   | -          | -          | _          | -          |   |   |
|       | 67       | · ·        | <b>√</b>   | -          | _          | _          | -          |   |   |
|       | 68       | · √        | <i>'</i>   | -          | -          | -          | -          |   | + |
|       | 69       | · ·        | <i>'</i>   | -          | _          | -          | _          |   | + |
|       | 70       | · ·        | · √        | -          | -          | -          | -          |   | + |
|       | 71       | · ·        | · ·        | -          | -          | -          | -          | 1 | + |

## Index of Claims 10578739 Examiner Brandon Renner Applicant(s)/Patent Under Reexamination TIERNAN ET AL. Art Unit 2461

| <b>✓</b> | Rejected  | - | Cancelled  | N | N Non-Elected |  | Α | Appeal   |  |  |
|----------|---|---|------------|---|---------------|--|---|----------|--|--|
| =        | Allowed   | ÷ | Restricted | ı | Interference  |  | 0 | Objected |  |  |
|          |   |   |            |   |               |  |   |          |  |  |
|          | ☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47 |   |            |   |               |  |   |          |  |  |

| ☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. |          |            |            |            |            |            |            |  | ). | ☐ R.1.47 |  |
|--|----------|------------|------------|------------|------------|------------|------------|--|----|----------|--|
| CLAIM  |          | DATE       |            |            |            |            |            |  |    |          |  |
| Final  | Original | 01/15/2009 | 08/17/2009 | 05/19/2010 | 01/14/2011 | 09/28/2011 | 11/28/2011 |  |    |          |  |
|  | 73       | ✓          | ✓          | -          | -          | -          | -          |  |    |          |  |
|  | 74       |            |            | -          | -          | -          | -          |  |    |          |  |
|  | 75       |            |            | -          | -          | -          | -          |  |    |          |  |
|  | 76       |            |            | -          | -          | -          | -          |  |    |          |  |
|  | 77       |            |            | -          | -          | -          | -          |  |    |          |  |
|  | 78       |            |            | ✓          | ✓          | ✓          | ✓          |  |    |          |  |
|  | 79       |            |            | ✓          | ✓          | ✓          | ✓          |  |    |          |  |
|  | 80       |            |            | ✓          | ✓          | ✓          | ✓          |  |    |          |  |
|  | 81       |            |            | ✓          | ✓          | ✓          | ✓          |  |    |          |  |
|  | 82       |            |            | ✓          | ✓          | ✓          | ✓          |  |    |          |  |
|  | 83       |            |            | ✓          | ✓          | ✓          | ✓          |  |    |          |  |
|  | 84       |            |            | ✓          | ✓          | ✓          | ✓          |  |    |          |  |
|  | 85       |            |            | ✓          | ✓          | <b>√</b>   | ✓          |  |    |          |  |
|  | 86       |            |            | ✓          | ✓          | <b>√</b>   | ✓          |  |    |          |  |
|  | 87       |            |            | ✓          | ✓          | <b>√</b>   | ✓          |  |    |          |  |
|  | 88       |            |            | ✓          | ✓          | <b>√</b>   | ✓          |  |    |          |  |
|  | 89       |            |            | <b>√</b>   | ✓          | <b>√</b>   | ✓          |  |    |          |  |
|  | 90       |            |            | <b>√</b>   | ✓          | <b>√</b>   | ✓          |  |    |          |  |
|  | 91       |            |            | ✓          | ✓          | <b>√</b>   | ✓          |  |    |          |  |
|  | 92       |            |            | ✓          | ✓          | <b>√</b>   | ✓          |  |    |          |  |
|  | 93       |            |            | ✓          | ✓          | <b>√</b>   | ✓          |  |    |          |  |
|  | 94       |            |            | ✓          | ✓          | <b>√</b>   | ✓          |  |    |          |  |
|  | 95       |            |            | ✓          | ✓          | <b>√</b>   | ✓          |  |    |          |  |
|  | 96       |            |            | ✓          | ✓          | <b>√</b>   | ✓          |  |    |          |  |
|  | 97       |            |            | ✓          | ✓          | <b>√</b>   | ✓          |  |    |          |  |
|  | 98       |            |            | ✓          | ✓          | ✓          | ✓          |  |    |          |  |
|  | 99       |            |            | ✓          | <b>√</b>   | <b>√</b>   | <b>√</b>   |  |    |          |  |
|  | 100      |            |            | ✓          | ✓          | <b>√</b>   | ✓          |  |    |          |  |
|  | 101      |            |            | ✓          | ✓          | <b>√</b>   | ✓          |  |    |          |  |
|  | 102      |            |            | ✓          | ✓          | <b>√</b>   | ✓          |  |    |          |  |
|  | 103      |            |            | ✓          | ✓          | <b>√</b>   | ✓          |  |    |          |  |
|  | 104      |            |            | ✓          | ✓          | <b>√</b>   | ✓          |  |    | 1        |  |
|  | 105      |            |            | ✓          | ✓          | <b>√</b>   | <b>√</b>   |  |    |          |  |

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